



Indiana State Department of Health

WEEKLY INFLUENZA REPORT

Data as of Wednesday, November 26, 2014

The following report is meant to provide local health departments, hospital administrators, health professionals and residents with a general understanding of the burden of influenza-like illness (ILI). Data from several surveillance programs were utilized to produce this report and all information is provisional. ***Data may change as information is received, reviewed and verified. The purpose of this report is to report in a timely manner what is occurring or has recently occurred.*** For further information about the data presented in this report, please call the ISDH Surveillance and Investigation Division at 317-233-7125.

Data Summary for Week Ending November 22, 2014 (Week 47)	
Percent of ILI reported by emergency department surveillance system	1.08%
Percent of ILI reported by sentinel surveillance system	1.91%
Number of specimens submitted for influenza testing at ISDH Laboratory	37
Percent of positive influenza specimens tested at ISDH Laboratory	59.5%
Number of influenza-associated deaths reported for this reporting week	0
Number of influenza-associated deaths reported for 2014/2015 season	0
Number of Indiana schools (K-12) with absenteeism rate 20% or higher	0

Sentinel reported influenza-like illness by sentinel type and reporting week with number of reporting sites – Indiana, 2014-2015 season.*

Reporting Week	All Reporters %ILI (n)	Universities %ILI (n)	Non-Universities %ILI (n)
Week 47	1.91 (30)	2.34 (10)	1.76 (20)
Week 46	1.05 (35)	1.26 (13)	0.97 (22)
Week 45	0.76 (37)	0.87 (13)	0.73 (24)

****Data obtained from the ISDH Sentinel Influenza Surveillance System. This data is subject to change as sentinel sites can back-date their weekly reports.***

**Sentinel reported influenza-like illness (ILI) by age category for Week 47 –
Indiana, 2014-2015 season.**

Age category (yrs)	Total number with ILI	Percent with ILI
0–4	22	14.57
5 –24	90	59.60
25–49	32	21.19
50–64	5	3.31
65+	2	1.33
Total	151	100%

**Data obtained from the ISDH Sentinel
Influenza Surveillance System.*

**Sentinel data has limited timeliness, so
the data reported is for the week before
the most current week. This data is subject
to change as sentinel sites can back-date
their weekly reports.*

**Number of 2014-2015 reported deaths associated with laboratory
confirmed influenza, by age category – Indiana, 2014-2015 season**

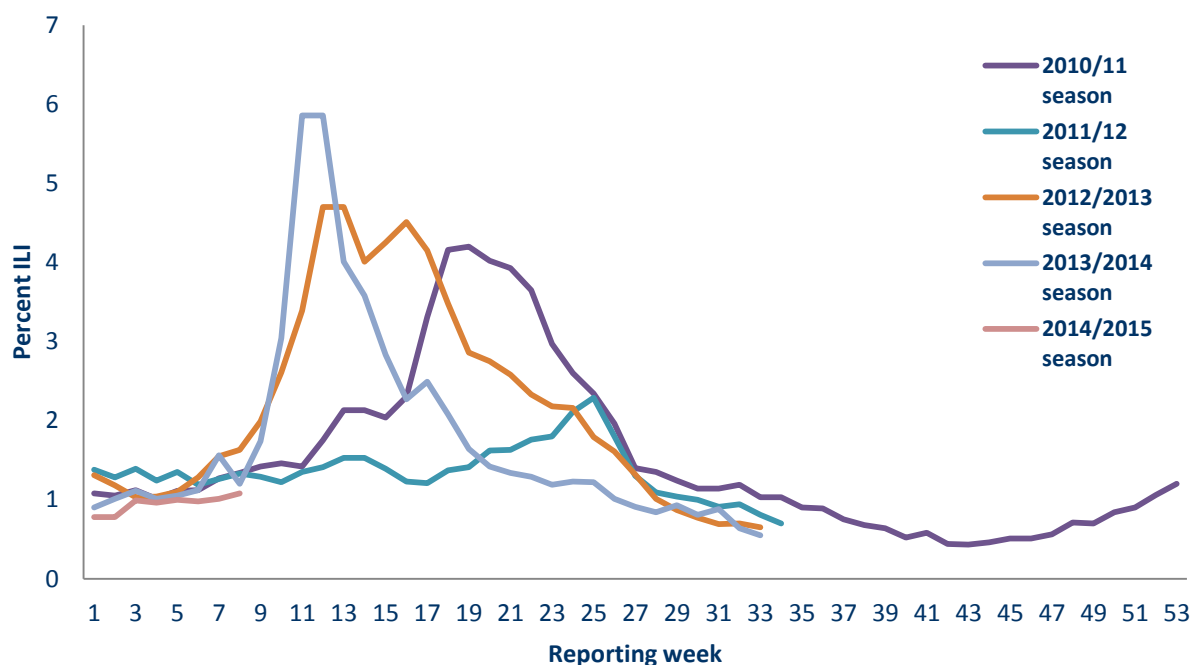
	Age category (yrs)	Week 47 Total	Season Total
Number of deaths associated with influenza	0-4	0	0
	5-18	0	0
	19-24	0	0
	25-49	0	0
	50-64	0	0
	65+	0	0
	Unknown	0	0
	Total	0	0

This data is subject to change as information is updated, revised or corrected.

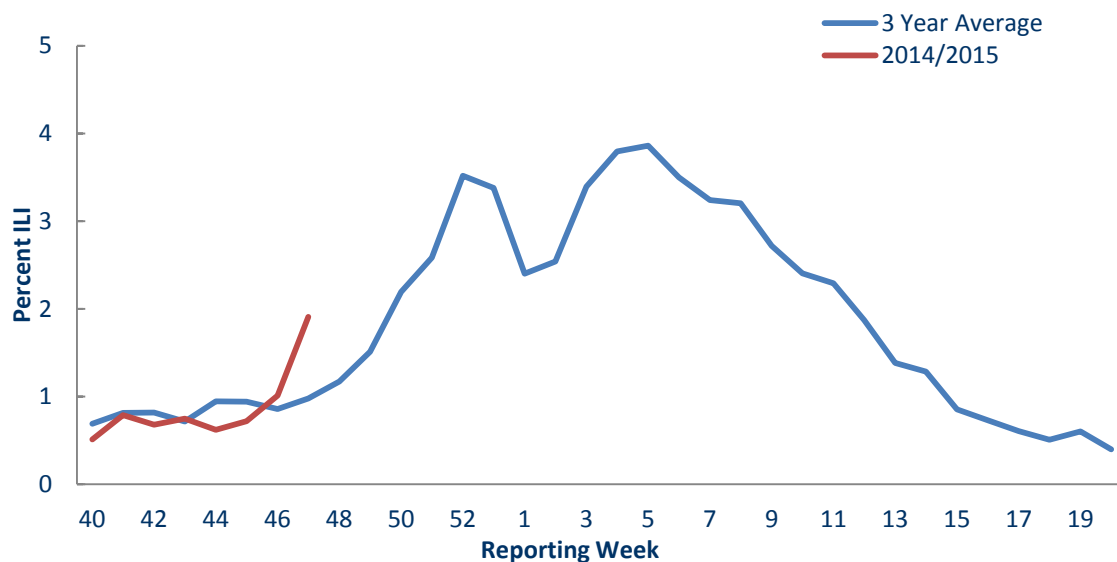
Sentinel and ED influenza-like illness percentages by reporting week – Indiana, 2014-2015 season.

Reporting Week	ED Surveillance %ILI	Sentinel Surveillance %ILI
Week 47	1.08	1.91
Week 46	1.01	1.05
Week 45	0.98	0.76

Percent of patients who presented at an emergency department (ED) with a chief complaint relating to influenza-like illness – Indiana, 2010-2014/2015(EDs currently reporting = 111)



Percent of patients who presented at sentinel provider clinics with symptoms relating to influenza-like illness – Indiana, and a three year baseline average*†
Number of sentinel provider clinics who reported this week = 30



*Data obtained from the ISDH Sentinel Influenza Surveillance System.

Data as of 11.26.14

ISDH Laboratory data regarding circulating influenza viruses – Indiana, 2014-2015 influenza season.*

PCR Result	Week 47 total		2014 Total	
	Number	Percent of specimens received	Number	Percent of specimens received
2009 A/H1N1pdm virus	0	0%	0	0%
Influenza A/H3 seasonal virus	22	59.5%	35	35%
Influenza A/H1 seasonal virus	0	0%	0	0%
Influenza B seasonal virus	0	0%	0	0%
Influenza negative	13	35.1%	63	63%
Inconclusive	0	0%	0	0%
Unsatisfactory specimen†	2	5.4%	2	2%
Influenza Co-infection ^Δ	0	0%	0	0%
Total	37	100%	100	100%

^Δ All previous-year co-infections have been influenza A/H3 and influenza B.

*Data obtained from the ISDH Laboratory via specimens submitted from the ISDH Sentinel Influenza Surveillance System and IN Sentinel Laboratories.

†Unsatisfactory specimens include specimens that leaked in transit, were too long in transit, or were inappropriately labeled

OTHER CIRCULATING VIRUSES RECENTLY IDENTIFIED BY THE ISDH LABORATORY:

Other Respiratory Viruses	Week 47 Total	2014 Total (Since Oct. 1, 2014)	Early Surveillance (Sept 1-30, 2014)
Adenovirus	0	0	0
Coronavirus 229E	0	0	0
Coronavirus HKU1	0	0	0
Coronavirus NL63	0	0	0
Coronavirus OC43	0	1	0
Enterovirus NOS	5	7	0
Enterovirus/Rhinovirus	0	10	188 ¹
Human Metapneumovirus	0	0	0
Parainfluenza 1 Virus	0	0	0
Parainfluenza 2 Virus	3	6	0
Parainfluenza 3 Virus	2	3	0
Parainfluenza 4 Virus	0	0	0
Rhinovirus	0	0	0
Respiratory Syncytial Virus	0	0	0
Total	10	27	188

¹Some specimens were tested outside of ISDH Laboratory

